

PRINTER RUSH

(PTO ASSISTANCE)

Application : 10 534 727 Examiner : J Bastianelli GAU : 3751

From: mg Location: IDC FMF FDC Date: 01.18.06

Tracking #: 10 534 727 Week Date: 01.09.06

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	_____	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	_____	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	_____	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	_____	<input type="checkbox"/> Other
<input type="checkbox"/> DRW	_____	
<input type="checkbox"/> OATH	_____	
<input type="checkbox"/> 312	_____	
<input checked="" type="checkbox"/> SPEC	<u>05.12.05</u>	

[RUSH] MESSAGE:

*On page 3, between lines 7 and 8,
Please provide the missing 'TEXT'.*

Thanks

[XRUSH] RESPONSE: *Rec'd pg. 3 w/text JH*

1/31/06 Called 10:45 left v message

INITIALS:

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

simple manner. On the other hand the guide means that is secured to the housing ensures that the valve cone is guided with sufficient accuracy relative to the valve seat, in order to be able to install the valve seat without impact against the valve cone and thus without damage. Another advantage of this solution resides in the fact that thanks to the guide means secured to the housing, a throttle gap for pressure medium flowing into the armature chamber and out of the armature chamber is formed, whereby the movements of the valve cone are damped. Owing to the centered cardanic support of the valve cone on the armature, the radial position of the one end of the valve cone is determined. The other end is centered by the valve seat when the valve is closed, and by the pressure medium flow when the valve is open, whereby it is ensured that the valve cone does not produce any friction against the guide means secured to the housing.

In a preferred variant of the invention, the axial support of the valve cone in the armature is brought about by a sphere which thus forms a kind of omnilateral articulated support and accordingly permits to obliquely position the valve cone in a certain degree.

It is particularly preferred if the support of the valve cone is achieved in the center range of the armature when viewed in the axial direction. Thanks to this measure, the axial offset in the armature relative to the valve cone is minimized when the armature tilts owing to its play in the pole tube.

Supporting the valve cone is particularly simple if an axially extending blind bore is formed in the armature which receives the valve cone in portions thereof. The